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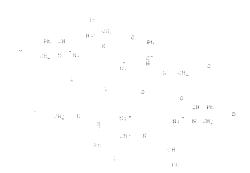
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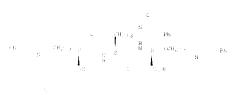
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CN Benzenamine,
4-12-(1,1-dimethylethyl)-3-oxaziridinyi]-N,N-dimethyl (9CI)
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Similarly, chiral nitrones photorearranged in achiral solvents with an optimum diastereoisomeri excess of 20°. Temp., solvent, and substituent effects on the asym. synthesis of oxaziridines were examd.

Oxaziridines with a p-nitrophenyl substituent underwent photoracemization and photoepimerization.

IT 59905-89-9 60143-69-29 60183-42-89 88376-32-39 97392-04-69 97859-47-79 97305-40-39 PLSSN Synthetic prejaration; FREE Eleparation, prepn. of, by photostem, rearrangement of nitrone processing the sample of th WALLING EX NAME  $\underline{\mathbb{M}}_{\mathcal{A}} = \mathbb{A}_{\mathcal{A}} \otimes_{\mathcal{A}} \otimes_{\mathcal{A}} \mathbb{A}_{\mathcal{A}} \otimes_{\mathcal{A}} \mathbb{A}_{\mathcal{A}} \otimes_{\mathcal{A}} \mathbb{A}_{\mathcal{A}} \otimes_{\mathcal{A}} \mathbb{A}_{\mathcal{A}} \otimes_{\mathcal{A}} \otimes_{\mathcal{A}} \mathbb{A}_{\mathcal{A}} \otimes_{\mathcal{A}} \mathbb{A}_{\mathcal{A}} \otimes_{\mathcal{A}} \otimes_{\mathcal{$ 1... ADSWER 54 OF 89 CAPLUT TOPYPIGHT TO ACS Continued : в. N 27  $\begin{array}{lll} & \text{GTP-2-04-$\ell$} & \text{CAPLUS} \\ & \text{Oxaziridine, 3-(pentamethylphenyl) 2 (1-phenylethyl)-,} \\ & \text{[CP-\{2,alpha,(S^*)=3,beta,[]-(SOI)=:CA-INDE), NAME)-} \end{array}$ Ph CH Me Ph 78 99 14 F-11 25. 'H Me DE 10 Me Me Бr PN - + 12 : WAELUS US - + 1: Element 1... CA 19 : 1 1000 RN 67905 40-3 CAPLUS ON Oxariridine, 3-(4-bromugnenyl)-2- 1.1 dimethylethyl-, (CP-trans)-5-C 1...aimethy.ethyl: O-phenyl-, 2P trans: 9CI

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CN Pytroladise,
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17 8099-74-69 85653-70-99 85653-71-0P RIL SPN (Synthetic preparation); PREP (Preparation) preph. optical properties, and chiral exide. by)

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CN OWN tridine, 3-phenyl frephenylsulfonyl), (2R-trans) (9CI) (CA INDEX for the content of t N 0 ... o z Eb FE PN F1 - 4 CAPLUS CN Constitutione, 3 methy(sulfony): 3 phenyl-, (18-trans) (401) CA

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Sam. B.: Strimer, Orum D.: Watson. William H.: Hallog. Jean Dep. Chem., Deckel Univ., Philadelphia, PA, CORPORATE SCURCE: .+104, 1. A J. Am. Chem. (cc. (1982), 104(20), 5412-18 CODEN: JACSAT ISSN: 0002-7863 DOCUMENT TYPE: COMES SOUNCE SOUR English CASREACT 97:14.970 Me CH7SO; C HINOS G I Br II

Fig. And  $(3,8) \cdot (1)$  and (1) (R = substituted phenyl) give the best enantioselectivity of any chiral origining reagent for the asym.  $\mathbf{o}_{\mathbf{x}}\mathbf{d}\mathbf{n}$ , of sulfides and disulfities to sulfor des and thiosulfinates, resp., 5-3 times better than chiral peracids. For

aliym oxidns. using I and II the configuration of the oxaziridine
3 membered ring controlled the configuration of the product, which

18 projected using a chiral recognition mechanism. The increased

waym illed by chiril / sulfonyloxaziridines was attributed to the fact in."

the active-site O was incorporated into a rigid chiral environment. The subject of the active side afference will effect in noth the exaziridine and substinity in the product of the configuration of the reader in the subject of t

p.17 depotent taken in account in the product in the maintide of the asym bias. As the SSI increases, the emailtisselectivit/ increases.

17 72538-30-8P 72538-31-9P 72581-74-9P 72581-75-9P 8130-08-9P 81369-89-3P 81422-07-3P 81446-77-7P 82679-84-3P 82730-20-9P

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L26 ANSWER 62 OF 89 CAPLUS COPYRIGHT 2002 ACS (Continued)
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RN 72537-30-8 CAPLUS
CN OMBAINDING (1 (1 (7, "dimethyl = 2-o Kobicyclo (2 . 2 . 1 ) hept-1 ".) methyl) sulfonyl] -3 -(4-nitrophenyl) -,
(2F-[2] albha. (10\*, 48\*); 3. beta.]] (CI = (2F INDEX NAME) 0 11 NO2 0 3 0 OH2 0 NO: 11 0 5 ( CH2 PN 72581-74-9 CAPLUS
SN Osazizidine, 2- {(7.7-dimethyl-z-o:obicyclo[2.7.1]hept 1-yllmethyl;sulfonyl]-i-(4-mitrophenyl).
ITS 17.alpha.(Hr.,45-1,3.beta.];
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5 842 N i s c No; 'R\_ RN +.422-07-1 CAPLUS
CN OMBITTAINE, 2-{[(3-brown-1,7-dimethyl-2-oxobicyclof(.2.1]hept-07-yl/methyl|sulfonyl]-3-(2-chloro-5-nitrophenyl), [IR-|[(alpha..3.beta..4.alpha..7R\*(2R\*,38\*)]] (9CI) (CA INDEX NAME) Lie Alswer (7 of 65 CAPLUS COPYRIGHT 1002 ACS (Continued)

RN 5.446 " 7 CAPLUS
CD Contribute, Piffurities 1.7-dimethyl 2 contropyloj(2.2.1]hept-7y. orthyl Sulfornyl, 5 2 micro (entrophenyl , 181.1.alprus teta, 4.alpha, 78\* 15\*, 85\* 11\* 1951 CA INCEN MAME L26 ANSWER 62 OF 89 CAPLUS COPYRIGHT 2002 ACS (Continued) 5 . N 3 S 0 IHg S Me no. Me BH to mid a WARDS
OH Contraine, Fill ametryl flower.yrio; G. Jametry, yrioty, s. danyl o finitephenyl a
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LC: ANSWER CO OF 89 CAPLUS COPYRIGHT 2002 ACS (Continued)

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  . Surfenyloxazziridines
Lavis Franklin A.; Stringer, Orum L
Gep. Shem. Orexe. Univ. Philadelphia, PA.
   9 : 9H2 Ph
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SOURCE
   Torg Chem 1982, 47:9., 1774-5
CLEN TOCEAH, 188N: 1822 3161
  r't
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DANGUALE
   Surna.
Enquish
  RN [4.77-89-t TAPLUS (N startifichten) (-2-(phenylsulfinyl) , trans- (9C1) CA
  X 1 1
                            0
   O S Ph
   NO<sub>2</sub>
AB Oxida, of FSCINICHC6H4R1 with 1-C1C6H4COCOH to give I was improved by carrying out the reaction in the presence of a phase-thansfer catalyst, e.g., PhcH2NEt3Cl. Use of chiral catalysts gave
   11
  0 . .
optically
active [ of 3-10; optical purity. Thus prepd. were (*)- and (-)-1
   RN F)997-73-5 CAPLUS CN Gveziridine, .-(3-mitrophenyl)-2-(phenylsulfonyl)-, trans- (9CI) CA
                  PL, Pl - H and I (R, R_{\star}, and V) yield = Ph, 3-O2N, 83; Ph, 4-O2N,
   I:/DEX_NAME:
8 / 2
O
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   RI : 83697-74-6 DARLUS CN : GRating 
      0 8 %
   HAME)
RN Tirs(), 88 CAPLUS
CN Obscall fine, 5-phenyl / (sphenylmethylisulfonyl), trans- (9CL
CA INLS
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  LIGE ANIMER 64 OF 89 CAPLUS COPYRIGHT 2012 ACS
ACCELSION NUMBER: 1981:440870 CAPLUS
DOCUMENT NUMBER: 95.60870 CAPLUS
TITLE Electron spin resonance
 LIC ADDRES OF SECRETARY CAPLUS COPYRIGHT 2002 ACS (Continued)
   Electron spin resonance studies of spin
   trapping. On
      o s Ph
   the role of hydroxylamines and an oxaziridine
   in the
   formation of nitroxides following addition of hydroxyalkyl radials to N-tert-butyl-.alpha.phenylnitrone
Coxon, James M., Silbert, Bruce C.; Norman,
                   N
 Ph
  AUTHOR 5.:
Rachiri O.
RN 8.467:75-7 CAPLUS CN Oxadiridine, 3-phenyl 2-sphenylsulfonyl)-, (2S-trans)- (9CI) (CAINDEN NUMB NUMB
  CORPORATE SOURCE:
SOUR H
374-40
   Dep. Chem., Univ. York, York, YG1 5DD, Engl.
J. Chem. Soc., Peckin Trans. 2 (1981), (2),
  CCEEN JOPKBH: IS:N: 030-0-958)
Journal
English
   DOCUMENT TYPE:
      CMe 3
   )
   E38 studies showed that when the .alpha.hydroxyaikyi radicals (HO:RRIC.bH (R = Mr, Ri = H, Me, Ph R = R. = H are photochem, generated in the presence of the spin 'rap PhOH:N'(CMe)10 the
  AB
   adducts Phonic(OH Fillm.CMeX*C.bul. (R, RI as before) are photochem.
   Chem.
Libile but build up with time when irradh, is interrupted. This
  effect is due to oxido, of the intermediate hydroxylamine : generated by nitroxide photolysis) by the oxaziridine I, which is formed
   b, photolysis of the trap. These observations, coupled with the
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126 ANSWER 63 OF 89 CAPLUS COPYRIGHT 2002 ACS (Continued)

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LIV ANSWER 65 OF 84 CAPTUS COPYPIGHT 2002 ACS
ACCESSION NUMBER: 1-011.75477 CAPTUS
107UMINT NUMBER: 44.75672 THE PROMOTED OF ACTION OF THE PROMOTED OF THE PRO
    12) ANSWER of SELECT CAPIES COPERIGHT 2002 ACS . Continued
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  CN I-ORAZITIGENESS.
ethylester
(901 (CA INDEX MAME)
  Ph O
  OH C OEt
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   RN 77290-56-3 CAFLUS
UN 2-0xazitidinearcine sold, Lalphal,3-diphenyl , ethyl ester 9CIN
UN INCEX NAME
 100 ACCURAGE OF THE PROGRAMM CONTINUED CONTINUED
  126 ANSWER 65 OF 99 CASTUS COPYRIGHT 2002 ACS (Continued)
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                        . H . C . K*
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RN = 70\pm i\pm 3.3\% CAPLES CN = 0.03 CAPLES avoid, 3.08 entrophenyl)-calpha.phenyl-, ethyl exter
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Le Adomés de se values commendet. 2 ACS ACCEDITIO NOMERS (MELLOSETS CAPIOS COCUMENT NOMERS) (MELLOSET TITLES ASYMMETRIC SYNTHESIS AT Lie Answer fe if PP 1 1112 COPYRIGHT 2002 ACS (Continued) CN Oxsgiridine, I of 1 phenyl , trans (9CI) (CA INDEX NAME) 94:19:1: Asymmetric synthesis at nitrogen by **oxidation** of immes with michloroperbencoic acid in the of upto ally softice ambibous. Absolute stereo temistry of chiral alcohol-imibe peracid softwires. Marian Point, Armado Monett. N ing the state of t 91 + 1 1 4. 2 1 F E Then for , verself frame . The  $\ell_{\rm t}$ CLEN TOPPS4, ISSN: 13 - F.ZW Tournal English DOCUMENT TO A LINE LANGUAGE or Simbles. oxidn of interest with the contribute of the Northead with the contribute of interest with the contribute the presence of initial action of the presence of initial contributes of the Northead of the Contribute greened of S or ESCOR which have est oxaciridine linear. The analysis of A is . The optical purity of the products increased on decreasing the temp, and was dejendent on the starting immine and the nation and ent. of chiral solvent. The abs. stereochem. of the products

Was established by correlation with the optically active alcs., and specific variabled times solvation models are discussed. specifi - arbinoi-imit 7731-34-2P 40264-03-7P Fig. 300 Synthetic preparation : PSEP (Preparation) freps of 100 APPLS CAPIES CAPIES CAPIES CAPIES (CAPIES CAPIES -. I, I-dimethylethyl -s phenyl- +001 (CA INDEX NAME) . . . F1. RII works 'A41303 Lit ACLUSE : 15 -- WAITS CLIVETORT. , ACS
ACCESSION COMMERCIAL CALLUS
FOR CALLUS COMMERCIAL CALLUS
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CARCIFICATION AND ACCESS AND ACCE 126 ANSWER 67 OF 89 CALLUS COPYRIGHT 2002 ACS . Continued : (Synthetic preparation): PREP (Preparation) wage of, by hydroxylamine RI. RCT (Readity):
(preph. and ):
(preph. and ):
RN 73-95-66-1 CA:
CN 2-0Mazzridane:
3-(4-methoxyphenyl)-, ):
methyl ester (9.1) id, .-(1-methylethyl)-, & INDER NAME) 80-95%, Pol. Bull. Acad. Pol. Sci., Ser. Sci. Chim. (1479), SOURCE 459-64 CODEN: BAPCAQ: ISSN: J001-4095 Journal English DOCUMENT TYPE: 0 C OMe CH Pr-1 N 0 NCHPCOpk-OM€ PN 73445-67-2 CA: CN 2-0xamiridine() () (in, 1-4 metholyphenyl) (CA INDEX NAME) methyl ester (901) (CA INDEX NAME) 1 H. H. C. We. B. - Mer B. - DD Me. I THZCHMEL, BI = CHZPH: B = CHRISH B.

P. CODE NHANCE provide treated with p M-OCENTON to give p to the new set Macros and the set Macros and the set of the continuous continuous conditions.

Conditions

to give S hydroxy amino word leaves HONNCHROOZE.. I were cleaved by OH, Ph сн с оме 16.5. 67. to give HUNHOBBUDGH. 73995-51-4P N O TT 73995-51-4P

Fig. F.T. Resident's SFN Synthetic preparation; PREP (Preparation preparation and fine cleavage of)

EN my d. 1: 4 CAPLUS

CN . Kathridineacetic avid, Jaiphal-methyl-2-phenyl-, methyl ester OM WE INCHES NAME

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126 ANSWER 67 OF FR 730 / COPYRIGHT 2002 ACS (Continued)
    the Applies of the +9 CAPIDS SCRYFIGHT 2002 ACT Continued
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   FOR A CAPITY TO A METHOD PROPERTY OF A METHOD PROPE
   RN 73995-72-4
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.a.pha - (1-hydro-
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ACCESSION COMMER: 140 & 51 CAPIDS

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TITLE: Security of examindanes. 1. Synthesis and structure of a renew.finvi-F-arylexamindanes. A new plass of examindanes.

AUTHOR FOR CAUSE Franklin A.F Lamendela, Joseph. 31.7 Apage.
  NAMEL
  3 : Ph
  Opender: Eluger, Edward W.: Sedergran, Thomas
  t.
   Famulto, Thomas W.; B.llmers, Robert: Jenkins,
  Robert.
  . 0
   Fr.: Turchi, ignatius J.; et al.
Pep. Chem., Drexel Un.v., Philadelphia, PA,
 Ph
  1. Am. Chem. Soc. (1980), 102:6), 2000-5
COLEN: MACSAT; ISSN: 0002-7863
   RN = 7(127-56-5 - 7/4) mm CN = 0-azizidine, + frexyphenyl(sulfonyl)-3-phenyl-, trans- (9CI) (CA = 1 MDEX NAME)
  LOCUMENT TYPE:
LANGUAGE:
  Tournal
English
  : Me
  RSO<sub>2</sub> F.
   0 5 0
AB A new lass of exactriding derivs, 1 (R. R. = Ph, substituted phenyl. F. Me., Hall., were prepa. by the Ne-Cicliff(CO2OH oxidn of substitute) PSO2N:CHRI. These compds, are the first stable example. It is any system to have a substituent other than C attached to N. and are
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into ring system to have a substituent other than C attached to N and are their red by a finance territor oxadiridine C atom. The present of the powerful electron attracting sulfony, group attached to N applicably has little effect on the structure of the oxadiridine time homeledging of more simultance are the observations that their controls of the sulfonyl axygens and that the
  RN 7 844-91-4
CN C agriridin
   .;henyl.-2-[:4-methylphenyl.sulfonyl]-,
  trans:
(9CI) (CA
 the _______ No. 1 B bond lebuth implies little if any conjugative interaction between
TO 6989-45-2P 71127-56-5P 73844-91-4P 73844-92-5P 73844-93-6P 73844-94-7P 73844-95-5P 73844-93-6P 73844-94-7P 73844-95-8P 73844-99-2P 73845-00-8P 73890-33-2P ELL FEL STORM STATE OF ST
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L.) ANSWER 68 OF \*\* -- COPYRIGHT 2002 ACS COntinued pro- Administration - Free Applies of Executed 1. 12 Administration Ma 5 5 ь. 0 ir. Mer RN 73844-94-7 CN Olaziridine, Citans (CI (CA INI) PN - 1988 % TARIUS ON CRISTIANNE - 1 OR INCER NAME ::ppenvl: 2:1:4-methylphenvl:sulfonvll-. o -s -: N PN 1844-95-8 GP CN Clazifidine, 7 frans 9CI) CA INDEX No | colphenylesulfonyl]-3-:4 nitiophenyle-, THE R.A. SHAME LITE AMENUER 68 OF --"'S COPYRIGHT 2002 ACS (Continued) Lik ADDWER OF HE 89 CAPLUS COPTRIGHT 2002 ACS (Continued) PN 7:5844-98-1 -CN Okaziridine. Me. : : nenyl(sulfonyl)-3-phenyl , trans- :9CI. INDEX NAME 1.02 3 8 9 24 . . . . . . ~\_:N t-RN | The mode CAPEUS CN | Obsciriding, 2 (4-cliorophenyl)sulfonyl)-3-phenyl , trans- (9CI) cCA | TOLES DAME 0 Ph RN 7:844-99-2 C: CN Okaziridine, NAME) Filfonyl)=3-phenyl=, trans= /9CI: (CA INDEX c 0 : Me ti-11 0 ph. Ph RN 7:845-00-8 CN Ocaziridine, +CA INDEX NAME: RN 79414 97 ( PAPILIS CN 0540111aine), 1934n.trophenylesulfonyll-3 phenyl , trans- 1901 (A 10040 GAME . [(phenylmethyl)sulfonyl) , trans- (9CI) 3 N . : CH2 - Ph t-0 PN 74890-33-0 CN 04aziridi: \*rans /9CI\

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: .: nenyl:sulfonyl]-3 : nitrophenyl:-,

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LOC AN OWER 69 OF COPYRIGHT 2007 ACS ACCESSIN NUMBER: 179558 CAPLUS COPYRIGHT NUMBER: 7558 CAPLUS COPYRIGHT TOTAL TILLE: tadical intermediate photory function of target numbers of the company of the co tadical intermediates in the ....zoquinone in ethano; solution . Shori. Doba, Takahisa: Mizuta, AUTHOR: : Toshiniro: Miura, numin Yoshida, Hiroshi Fing , Hokkaido Univ., Sapporo, 060, Japan Lem. Soc. Perkin Trans. 2 (1980), (1), CORPORATE SOURCE SOURCE . - JCPKEH: ISSN: 0300-9580 DOCUMENT TYPE LANGUAGE: AB The mechanism  $\operatorname{tr}_{G_{\varepsilon}}$  of perbenzoquinone (I) in EtOH was studied by ESR of the F : whicals trapped with Me3CN(O):CHPh and by : r semiquinone intermediates and compacison - $_{\rm I}$  -benzosemiquinone anion (II) are the products. E primary intermediates. lengy of their formation correlates with the
aisocption si
proceeds
via an anion.
produces II
and [6tOH]+,
transfer.
II dispropor
by transmission :. The photoredn. of I to hydroquinone . Photoinduced 1-electron transfer asformed into EtO.bul. by rapid proton a dineg, ion which is protonated to give hydroquing: 7731-34-2P R: RCT (P-(preph. 7'31-34-O, attriding Conthetic preparation): PREP (Preparation) (lethyl)-3-phenyl- (9CI) (CA INDEX NAME) t·B. 1. 1 . - .

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THYPIGHT 2002 ACS (Continued) LIFE ADDRESS OF SECRETORS CONTROLLED AND ACCESSIONS MEET OF SECRETORS TABLES OF SECRETORS OF SEC ... ANSWER 71 CF ..... realization. Tenkins, Modern of SBALEALT LEEE LML NO ME FOUR E \_ A. . Fallinto, Thomas W
Lep Them. Diexe. Univ. Efficade.phia. FA. 1H; . Then So ... Them, formula  $15^{14}$  . ... 14 rolen (cookt 188N) 21 4H/R Granda Hodrish Me RN (25:8:31 = ON Obsaziridir) yilmethyl (2R-(2 alphs:1) (4CI) (CA ::(1 2 axobicyclo(2.2.1)hept-1trophenyl)-, ме Ме \_\_\_\_\_N \_СН2802 \_C Me CH, FC · · 0 N AB Sequential treatment of ---campinor-12-sulfonamine with RCEHHUR Fr F = F = 1 + 1.1. and oxide liastereoisometro mixts of swarfillines, and II. The oxaziridines were used for asymmoxide if PhsMe, pumbleH4SMe, and PhsCMe; in CHII; at C5 or in pursee . R -Phs C Me. F L-McCCH4S DMe., and S PhS C CMe; Weit .'H\_ West record to the control of the positive was 1.2 22 times PN 12581-74-9 UN O(aziridin-yi)methyl] [LS-[2,a]pha.:] [4CI] (CA cont of the control of the cont  $\verb| hyl-2| oxobicyclo(2.2.1) hept-1-\\$ the first intained is schilar **oxidia.** using the processing process of the proce .trophenyl)-L26 ANSWEF 72 : ACCESSION NUMBER DOCUMENT NUMBER TITLE: type cf PYRIGHT 2002 ACS LD6 ANSWER TI OF 89 CAPLUS COPYRIGHT 2002 ACS (Continued) - 168 CAPLUS tion reaction of ylide. 6. A new 0 'ation reaction of aziridinones oshiteru: Watanabe, Masamichi ib., Shionogi and Co., Ltd., Osaka, Japan Chem. Soc. (1979), 101(5), 1323-4 CACSAT; ISSN: 0002-7865 N NO: AUTHOF (S): CORPOFATE SOURCE: 0 S I CH; LOCUMENT TYPE: LANGUAGE: P O RN [20-, w. CAPLUS CN Oxadirdaine, 2-[1](7, dimethyl-2-oxobloyofo(2.2.1)hept-1 yl methylisulfonyl)-2-dimitrophenyl)-, [28-[2.a]pa.ilf\*, 48-fx, 3.neta.]) [90] CA INDEX NAME: CMe3 I AB Aziriding:

via :
 vigorous :
 single-s:
 of
 reaction
 1,3-di-te: · : were converted to omaziridines II peroxide. The reaction seemed to be a coiridinone N-oxide. This is a new 11 . In the **oxidn**, of . 6-7° oxaziridine formation was also 1,3-di-te:
cnsd.
This appear
aziridine:
IT 7731-34-2P
RL: SPN
(pre):
RN 7731-34
CN Oxaziri: o s . example of ring-C oxidn. of the CH. ::-n); PREP (Preparation) - thyl)-3-phenyl- (9CI) (CA INDEX NAME) t - Bu N 0

LIVE ANSWERS TO BE 84 CAPLUS COPYPIGHT 2002 ACS ACCESSOR TO MARKET TO THE TOTAL TAY CAPLUS COMMENT MER STORM TO THE TOTAL TOTAL THE TOTAL TOTAL TOTAL THE TO L26 ANSWER 73 JF FRIGHT 2002 ACS (Continued) 6.1 young, c stereochemistry of imames and  $_{\rm curt}$  , . The stereochemistry of the products 21 peroxyanid **oxidation** of bis-N-alkyl plannines bood, ferex R., Waring, Lionel C., Jennings, ARTHOR
W Bollo:
FOREOPATH - LRUE
SOURCE
193-1 RN 66947-12 « CN Benzalden NAME: Dep Inem. Queen's Univ., Belfast, N. I:e. Inem. Boo., Perkin Trans. I (1978), (3). - :xazırıdınvl:-. trans- :9CI: (CA INDEX Εt 0 the RN 6e947-13-1 CN Benzaldeh NAME) · oxazırıdınyl)-, cis- (901) (CA INDEX Εt 11 0 RN 66947-14++ CN Benzalde: INDEX · · (y1-3-oxazırıdıny1)-, trans- (9CI) (CA N NAME) 126 ANSWER 74 ACCESSION NUMB DOCUMENT NUMB TITLE: FYRIGHT 2002 ACS 4 CAPLUS L26 ANDWER TO DE MR CAPLUS COPYRIGHT 2002 ACS (Continued) configuration at chiral nitrogen in nes. 2 -, Danuta; Belzecki, Czeslaw 19. Chem., Pol. Acad. Sci., Warsaw, Pol. Chem. (1977), 42(24), 3917-21 JOCEAH AUTHOR(S): CORPORATE SOURCE: SOURCE DOCUMENT TYPE:
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56907-1463813-99
63864-70RI: PRP
iPreparationi
RN 5-830-3
CN 0-821;
[2R-[2 alpha.
("CI) ; С :nes gave diastereomeric oxaziridines chiral substituent connected to N and CHC RN 66%4-(5.7 CAPLUS CN Bendaldehyde, 4-(2-cyclohexyl-3-oxaziridinyl)-, cis- (9Cl) (CA similar inductive effect on the newly ine ring. A correlation of the INDEX NAME. .f known abs. configuration was made 3-2P -7-8P -0-6P , withetic preparation); PREP n of) 0 enylethyl)-, Pn ⊂H- Me 1: 0 Ρh

> RN 5/1907-1 CN Okazir: (25-[2 alph (9CI)

remylethyl)-,

L2€ ANSWER ?4 -126 ANSWER 4 OF 89 CAPIUS COPYRIGHT 2002 ACS (Continued) - FIGHT 2002 ACS (Continued) Pb 2H 266 N C 245 RN (r) (r) ABLUS TH (No r) Elle (sobery) (l) Eleberyethyl (r) 25 (r) (r) (F) (solarpha () 5 (r) (CA INCEX HAME PN 63813-97 CN Okazirid , alpha. ..-2-(1-phenylethyl)-, [2R-:CA INDEX NAME Pr h s ан ме N N 0 Ph RN 5600 (4-3 CARLUN CN Operationing, 3-phonyl-2-vi-phonylethyl)-, [ZR-(2 opena 900,3-alpha.)]-[VOL OCK INTER DAME) RN 63813-9-CN Omaziri Palpi :-2-(1-phenylethy1)-, [2R-:) (CA INDEX NAME) Pη Ph CH Me СН Ме 5 N Ph o · 60 cb-..5 CAPLUS Obsciriding, 2-[5-methyl-2-(1-methylethyl)cyclohexyl]-3-phenyl-, [.F. 1.sipha.cs+ 38\*: 2.beta..5.alpha.]- (901) (CA INDEX NAME) RN 6:813-9 : CN Omazir: [1R-[1] : methylethyl;cyclohexyl]-phenyl-,
,5.alpha.]]- (9C1) (CA INDEX NAME) 226 ANSWER -126 ANEWER 4 OF 85 CAPLOS COPYRIGHT 2002 ACS (Continued) - - 10HT 2002 ACS (Continued) Ph CH Me 1 - P r N Ph RN 6:514 core CAPLUS.
CN 0:acringine, 2-[5-methyl-2-(1-methylethyl)gyclohexyl]-3-phenyl-, [.R-[1.d]pha.(45\*,(R\*) 2.beta.,5.alpha.]]- (9CI) (CA INDEX NAME) 1 - Pr RN Furn, -- CARLUS CN Oxador.dine, 3 (4-bromophenyi) -2 (1-phenylethyl)-, [2S-[2.4]pha.(S\*\*,u.beta.] - (9CI) (CA INDEX NAME) Ph CH M∈ N 18 RN 63854 : . CAPLUS CN 0xaff: time, 3 (4-bromophenyl)-2-(1-phenylethyl)-, [2S-[2.a.]ha..S\*\*, [.alpha.]]- (9C1) (CA INDEX NAME)

LE ANSWER TOFES CAPLUS COPTRIGHT ZOOT ACC
ACCESSION NUMBER: 957.58:688 CAPLUS
DOCUMENT NUMBER: 37.181.58
Photolysis of
Datumer.lf.nayle.sephenyloxaliridines
Datus Frankin A.; Nadir, Upender K.
CLRPSKATE SUDKOE: Dept. Chem., Drexel Univ., Philadelphia, Pal. CCA SCURTE: Tetrahedron Lett (1971) (20): 1724-4 COMEN TELEAY SQUEEN: ENGLISH OF COMENT TO EX-AF — Photocywis of the oxaziridines I  $_{\rm SR}$  = MeO, Me, C1) is MeCN under N for the fire in the firestited in N=O bond cleavage and formation (22-557) of 4 RCHHAUL NHEEL WITH ARCHAUCHE ARCHAUCHE and PhCHO. Photolysis of I :R = Mind flouding west a community of the presence of D. a triplet quencher, did not affect the (C.C. 4 Merr $_{
m Heg}$  (SI); however, in the photolysis of I (R = Mer in 40.00 In Meth John Came, both triplet sensitizers, the yield of II was we ed and the of solitonamide increased. Thus the amude is formed from the oxaminisatine singlet state whereas the minor products, a MeleHiAOCNHL and PhONO. Were formed from the oxazirioine triplet state. 64705-26-6P 1: 64705-26-6P RL RCT (Reactant); SPN Prynthetic preparation); PREP (Preparation); preph. and photolysis of, mechanism of RL 64705-70-c CAPLUS CL Ocaminatine, 2-[(4-methox,phenyl)sulfonyl]; 3-phonyl-, cis- (SCI) INDEX NAME)

> 126 ALSWER 76 OF --":YRIGHT 2002 ACS (Continued) o s....o N ·:-nylsulfonyl)- (9CI) (CA INDEX NAME) Okazıridir. 31 - -0 Ph RN 63160-14-5 CN Okaziridine INDEX NAME) · : renyl)sulfonyl]-3-phenyl- (9CI) (CA 11 RN 63160-15 ( CN Okazirid, INDEX NAME) :1)sulfonyl]-3-phenyl- (9CI) (CA

L 6 ANSWER TO OF 89 CAPLUS TOPYRIGHT 1002 ACT ACCESSION DOWNERS 1971:23107 CAPLUS 500MENT DOWNERS 571,3,7
CHECK CAPLUS 2-ALY, sulfonyl-, -pheny.o [97]: .23107 CAPLUS \$51,31.7 2-Ary,su]fonyl-.-pheny.oxaz.ridines: a new stable oxaziridine der.vati'es
Pavis Franklin A.: Nafir, !pender K.: Kluger. CORPORACE SCURCE: Dep them., Dretel Unit., Philadelphia, Pa., UJA SOURCE: J. Chem. Soc., Chem. Commun (1977), (1), 25-6 CODEN JCCCAT Journal DICUMENT TYPE: LANGIAGE: G: 0 sogn Ph I AB The title oxaziridines ( IR = Me, H. Cl, N 2) were prepd. by **oxidn** . of 4 PCCH4S(O)mN:CHPh (n = 0, 2) with 5 ind 2 equiv, resp., m-ClCCH4C(O)OOH. Refluxing I in CHCl3 con g. small amts. of EtcH for 5-4- h gave 20-56: PhiHO, 14-32 PhCN, 45-75: 4-RC6H4SO3H, 5-25  $4 \cdot R = 10.6400 \times 10^{-3}$  and  $12 \cdot 3$   $3 \cdot R = 10.0614 \times 10^{-3}$   $1 \cdot (R = NO2)$  also gave 10-18
4-0.200-H-SO3H.HON: CHPh. The decompn. may involve formation of 4 RC6H4SO2N+.C-):CHPh whith is attacked by H2O in EtoH or 4 PCCH4SOLN-G-1CMPH which is attacked by MEO in BLOH or retaining to 4 PCCH4SOLN-G-1CMPH which is attacked by MEO in BLOH or radical intermediates can explain the formation of PhCHO and 4-PCCH4SO2NHZ.

IT 63160-12-3P 63160-13-4P 63160-44-5P 63160-14-6P PhCHO and 4-PCCH4SO2NHZ.

BLUE FCC Repartant: SPN (Synthetic preparation: PREP (Preparation: SPN 631cm-0.3 CAPLUS CONDERS OF MECHANISM OF MECH

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AB The Usual resynthesis
quives signifienses of
asym. ind.
dse of
this sing. 1 2 isomers giving opposite stereochem. - asomers can be obtained cryst, and induction leads to optical yields of this sind.
chira. sulfoxides.
previously reported w :
2 tert-b .
enanti meric -azicidines 50-100° greater than ors In 1 of the more favorable cases, coxaziridine was obtained in 60% e-cess us: IT 62058-74-6 i d n). PREP (Preparation) RL SPN ( RN 6\_058-74--CN 0:aziridi:-.9CI) .1)-2-(1,1-dimethylethyl)-, (2S-trans)t - Bu 0 RN 6.058-75 L2E ANNUES FOR SS CAPILUS COPYRIGHT 2002 ACC ACCESSION COMBER: 1896:477469 CAPILUS DOCUMENT COMBER: 85:77469 Studies on the configuration at chiral 1.26 AliSWER 7-FRIGHT 2002 ACS (Continued) Fh nitrogen in Chi(Shi) phenylethyl)-3-p-bromophenyloxaziridine Boqucka Ledochowska, M.; Konitz, A.; Hempel, CH Me AUTHOP (S : N Dauter, 2.; Borowski, E.; Belzeck., C.; Mostowicz, 1: CORPORATE FOURCE: Gdansk, Dep. Pharm. Technol. Blochem., Tech. Univ., Pol. Tetrahedion Lett. (1976), .13), 1925-8 COMEN: TELEAY Journal English SOURCE. 60183-44 DOCUMENT TYPE: 1)-1-{1-phenylethyl}-, [2R1) {CA INDEX NAME} Oxaziti [2.alph Fh H CN CH: Me Бr Ph N 0 .... AB Oxidn. of E-(+)-p-BrC(H4CN:NCHMePh with m-ClC6H4C(O)OOH gave a 58.5100.7615.914.9 maxt. of oxaziridine diastereoisomers. The abs. contiguration of the predominant isomer I was detd. as (+)-2R,3R by x-ray anal.

15 60183-42-8P 60183-43-9P 60183-44-0P
RL: PFF (properties); SPN (Synthetic preparation); PREP Preparation

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NO Oxazirianie, 3 (4-bromophenyl) (2-(1-phenylethyl)-, (29-f2.0)pha. R\*\*,3.beta.]) (\*Clt. CA INDEX NAME) Ph CH Me Ν

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L26 ANSWER 77 OF ACCESSION NUMBER: DOCUMENT NUMBER: TITLE: acid as an

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ation of the use of peroxycamphoric '::c oxidizing agent
 W. H.; Rinaldi, P. L.
-m. Sci., Univ. Illinois, Urbana, Ill.,

Them. (1977), 42(12), 2080-2 CEAH

monopercampnoric acid for asym.

AUTHORIS) -CORPORATE SOUP ::

SOURCE: DOCUMENT TYPE.

THE AMOREM - OF FR CAPTUS STRETCHT COOL ACS ACCESSED TO STREET THE TRANSPORT OF SERVICE STREET, STREET TO SERVICE STREET, STREET TO SERVICE STREET, ST :YRIGHT 2002 ACS (Continued) L2c ANSWER 79 -Shotora bemination at a chiral pyramidal TITLE Me nitrogen cente: Bjorgo, 'channes: Boyd, Derek R.: Campbel., AUTHOR : N Neil, lasid J. Lep. Them., gaeen's Univ. Belfast, Belfast, N. CORFUEATE ... Them. Commun 197es. 5 107 3 lite SOUR- E: T. Chem. T. College Co. College College Co. College Co RN 59% 5 ee ON OMMETITAL: 901 CA INDEX NAT LONDMEN. LANG AGE .. -5-:4-nitropnenyly-, trans---n i Ν AB optically active oxaziridities, prepd. by asymmetric **oxidn**, of the responding indices, underwent photographic by a mechanism in a large process and formation of a nitrone The presponding intrees, underwent photoscentration by a mechanism of the color of bond delevage no formation of a nitrone intermed. Thus the color of the color RN 5 mob-67--CM 0-aziri1 INDED NAT 1-91 N c NAPE RN 5:403-69 CN 0-aziri1 :5CI) (IA INI: Me : lethyl)-3-(4-mitrophenyl)-, (2R-trans)-LIE ANSWER : ACCESSION N DOCUMENT NUM. TITLE: Life ARRWIS - OF RE CAPLUS CONTRIBUTIONS ACE Continued, FIGHT 2002 ACS 38 CAPLUS : azoxy compounds. III. Reduction of .kane dimers as an approach to • въ symmetr.cal ี่ une synthesis ห. Grant: Chi, Min-Shong: Clark, AUTHOR 3): Melvin 3. NO CORPORATE SOUR -m., Univ. Louisville, Louisville, Ky., USA SOURCE Chem. (1976), 41(7), 1131-5 DOCUMENT TYPE:
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IT 39245-63
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CN Obazir DOCUMENT TYPE: 'A Issue. :ospalkane dimers (I) using Pd/C roach to low mol. wt. symmetrically - method appears to be useful for 'e2, tyclohexyl:; for I(R = Me; action. The requisite I were -nzaldimines (III) or by direct netic preparation); PREP (Preparation)
:: peracetic acid) .-, cis- (9CI) (CA INDEX NAME) Me t. Ph 4 (2 € 4 0.:a z 1 : i-, trans- :901 - :CA INDEX NAME: N

RN

57527-56

L26 ANSWER - OF 89 CAPLUS COF/RIGHT 2002 ACS (Continued) CN Charittaine. Prethyl 3 phenol, Coist (901) (CA INDET NAME) 126 ANSWER 8: -::PIGHT 2002 ACS (Continued) n-Bu E \*. 0 Ph 57527 e. Oxazirio :-, trans- (9CI) (CA INDEX NAME) for a Market Communication of the communication of menos Prethyl Esphenyl : trans: 901: CA INDEX NAME. a-Bu ٤. N О Ph IT 57527-58-9P 57527-59-0P 57527-60-3P 57527-61-4P 57527-61-4P

RUL SRUL (SMI) (Synthetic preparation); PREP (Preparation)

[preph. of

RN | 527-5-6-6 | CAPLUS

CN | Description | 2-(1-methylethyl)-3-phenyl-, trans- (9CI) (CA INDEX NAME t-RN = 5 all the d CAPAUS CN = 3 actroche, d phenyl-2-tricyclo[3.3 1.13,7]dec-1-yl-, trans-(901) = 55 (902) MARE: 15 RN  $\pm 5.7$  (\*  $\pm$  CAPLOS CN  $\pm 0.3$  CN  $\pm 0$ L26 AUSWES N. OF 89 CAPLUS COPYRIGHT 2002 ACS
ACCESS ON DIMERS: 1976:48449 CAPLUS
DOCUMENT NUMBER: 84:13440
TITLE 894:48440 Non-properties of 3,4-dimethoxyamphetanine and its N-alkyl L26 ANSWER 81 TRIGHT 2002 ACS (Continued) RN 58579-97 CN 0xazirid. 2-[2-(3,4-dir (9CI) ( derivatives
AUTHOR S:

derivatives
AUTHOR S:

CORPORATE JOURGE:
SOURCE:
SOURCE cylethyl]=3=(4-nitrophenyl)= MeO. Middle High redn. of the oxime [ R,R] = NOH). Similar redn. of a MeOH with.

at II and F2CHO (R2 v H Ph. gave the corresponding E,N-dialRy[hydroxy]amines I [R = H, R] = N(OH)Me, N(OH)CH2Ph], while condensation of II with R2CHO followed by extensive drying gave the nitiones [ R = H, R. = N(O):CH2, N(C):CHPh, resp.]. Oxidative into incomplete of I (R = H, R] = N(C):CHP, N:CHC6H4NO2-p. with 3:ClCress(0:OOH date) and III (P = H, NOI, resp.) while similar oxidative into its date the oxidition of III gave 40 [ R = H, P] = NO]. The N-Me derive of III was prepared.

discovered to the NaBH3CN redn. of a MeOH solt, of I (R,R] = O) and MeNH2 ı[ prepared by NaBH3CN reds. of a MeOH sols, of I (R.R1 = O) and MeNH2 while the (9CI) (CA INLEX NAME) MeO CH: Ph

LTE ANSWER - OF 44 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1946:1712 CAPLUS
COUMENT TOMERS: 84 17142
TITLE ASAMMETING SYNTHESIS OF OWAZITIGINES
ATHOMOSIS: BELTECHI, Chesilew, Mostoulez, Danuta
DEPORATE SINCE: Inst. Crg. Chem., Pol. Acad. Sci., Warsaw, Pol.
COUMENT THE JOHN DECEMBERS
AND OWARD TRAINING DEEP CHEEN A Sale.
AND OWARD L26 ANSWER 82 14 RN 5-907-13 CN Charind. [25-[2 alpha... ; henylethyl) -, P/h ∴F Me ٥ RN 5-907-14 CN Obaziri ···-nylethyii-. (2R-;2 alph: 56830-31-0P 56907-12-1P 56907-13-2P 56907-14-3P BL velt Synthetic preparation. PREP Preparation-preparation: FM 5688-31-9 CAPUNS CM CHARTISING CAPUNS CM CHARTISING CAPUNS CM CHARTISING CAPUNS CM CA DEED NAME N - 0 Ph 12.5 131-CF Ms j . CH M-N # ALDMRER SE OF E9 CAPLU: COPYRIGHT 2007 ACS
# ACCESSION NOMBER: 1974:4337796 CAPLUS
1.00MRD\*\* HOWSER: 8, 37794
1.11LD: Herabolic operator L26 ANSWER 83 03 ":PYRIGHT 2002 ACS (Continued) Metabolic products of microorganisms. 130. Euntheris t-Buo- t-NH C of .delta.-N-hyiroxy-h-arginines W.imer, loeig: Keller-Schierlein, Walter Org.-Chem. Lab., Fidg. Tech. Hothsch., Zurich, A THOR ID: CORPORATE SOURCE (CH2) 3 - CH- C EWELT:: 5 OURCE Heiv. Chim. Acta 1974;, 57(3), 657-64 CODEN: HCACAV N FDS off. On the concess and the first to creek our status creek, or steaming the d with MedCO22NT, hydrolyging, and treating IT 53053-96-61 ---3-98-8P Cite: Fi tenting the 0 with mesonality in, more than 1 tenting the Fig. R. W. COUCHE, EC = 1Me3 with 1 MEDCEHACHO. The FinelHard Nicht 3CH: WHOCZEMES COZIME! was omidized to the calcium tenting that the color of the calcium tenting than 11 tenting the color of the calcium tenting than 11 tenting the calcium tenting than 12 tenting the calcium tenting tenting than 12 tenting the calcium tenting tenting than 12 tenting than 12 tenting the calcium tenting than 12 tenting than 53202-67-53228-57-RL: SPN (pre: RN 53053-CN Oxazi: .on); PREP (Preparation) i-, cis- (9CI) (CA INDEX NAME) With Find SEt :NH and protective groups cleaved with CF3002H to give 1.
 Horizolysis of III aim gave pmedCEH4CH
 High scheduling commands of the sched (CH2)5=M N

RN 53053-97. T CN Orazii.

RN 50-053-98--CN Oxaziridi:

(CH<sub>2</sub>) • -- Me

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RN 10.25 98-3 CAPLUS
CN 1-0xed::;daine\_entancle\_acid,
alphe. (in.,i-d.nethyletho:y)carbonyl;amino;
lend\_methoxyphenyl)-, 1,i-dimethylethyl\_ester\_(9CI) (CA\_INDEX\_NAME)

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- ' :ylphenyl) - (9CI) (CA INDEX NAME)

- m=thoxyphenyl) - (9CI) (CA INDEX NAME)

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The construction pentance acts,
calpha constructing entropy (anthony)
[anthony of the construction of the con 0 Ph PN 53228 57 dN 2-0xa7. alpha.-[[]+, 3-pheny. :onyllamino). ester, [2S-{2.alpha. R\*..3.alpha.]}-GA INTE \* 80" ...... TB, and Built t-BuO C : N (CH<sub>2</sub>)<sub>3</sub> < Ph N RN 53.7- \*\*\* CAPEUS
CN 2-0x.....prepentanoid add.
.aipta.-\*[ ... dimethylethony darichyllamino]
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CA 10.8- NAME t Buo c NH o ÇH, H ∵ OBu-f К Pr. ACCESSION NOTHERS 19-74 CAPLOS CORPEISHT DREW ACS
ACCESSION NOTHERS 19-74 CAPLOS CORPEISH DREW ACS
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AUTHORIS BOYA, E. P.: Granam, R.
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FYRIGHT 2002 ACS L26 ANSWER PT ACCESSION NU DOCUMENT NU TITLE: of oxidation of Schiff bases to by peroxy acids in various solvents rshal; Clapp, heallyn B. 1M., Providence, R. I., USA. Chem. Soc. (1969), 91(22), 6078-83 AUTHOR(S): CORPORATE SO! SOURCE: DOCUMENT TYPE coxybenzoic acid oxidm. of two series stated N-benzal-tert-butylamines and cenzylamines, were -1.75 and -0.98, and ketimines with (\*):pertoxy amphoric dock. ...

Aptical activity is due solely to the non-inverting N atom. Stereous activity during **exid**, is both temp, and solvent dependent. A suitable oncine of conditions produced "pole-4-normalization in the produced conditions produced conditions are produced conditions." mone acids as catalyst was +0.22. The small solven IT 20378-51-2P ., activation parameters in one case, along with th ed a concerted mechanism pictured as he C:N bond of the Schiff base on nucleo the peroxy O 3400-27 25105-4 25105-7 RL: S: (p: RN 3400-2 CN Oxazir: 62-8P -65-1P t Bu 23 ::: PREP (Preparation. Pb. (trophenyl) - (9CI) (CA INDEX NAME) \* 17 ме منكأ والمرا N RN 2383-CN Oxa21 (-2-(1,1-dimethylethyl)- (9CI) (CA INDEX

NAME :

C L t-Bu N 0 ... AFLUS Sacin that, 6 4 mittopheld. Perphenylmethyl 901- CA INDEX DaN RN 25105 ( ON OMAZIE INDER NAME: dH, H .1)-3-(p-nitrophenyl) (8CI) (CA BN 10.0 PAPLUS
ON compartitions desprechloroises to desprechloroises desprechloroises to desprechloroises 02N RN 25105-6 CN OPAZIEI INDEX NAME) 'yl)-3~(p-nitrophenyl - (8CI) (CA H 21 0 : N RN (%.15) CAPLUS CN Oxacististic, 2-(m-chloroben.), (3-(p-nitrophenyl, (8CI) (CA INDEX MAME LICE ALGMER E-ACCESSION NOT NOTIFIE:
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COURCE FEFIGHT 2002 ACS 126 AMERICA OF 89 CAPLUS FIRESHT 2002 ACS Continued vziridines 19. Jyotirmoy: Truitt, Price is State Univ., Denton, Tex., USA nem. (1969), 12. 961-2 MAR ·He CA Issue.
. by **oxidn**. of the corresponding G20H.
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--62-6P
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:/ PREP (Preparation) OgN ::-2-cyclohexyl- (8CI) (CA INDEX . . FN 2389-(N Oxat: NAME) ::-2-cyclohexyl: (8CI: (CA INDEX N RN 2389-CN Oxaz nitrophenyl) - (8CI) (CA INDEX NAME)

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| INC. ACRES F 89 CAPLUSFELSHT 2002 ACS COntinued.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | L26 ANGWER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FROHT 2002 ACS Continued                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| PN .389 TAPLUS TN - Kec., then C-cyclonexyl - minitrophenyl; - HCI - CA INDEX NAME:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NAME :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| RN 23895 - CAPLUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CN Cxazir.time, 2-cyclohexyr ( 4 mitrophenyl) (9CI) (CA INDEX NAME)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | t - Bu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Me  2R E1  N  0  6h  NN .3921 - APLOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ACCESSION N DOCUMENT NU TITLE TILE TILE AUTHOR (): Kyosh. CORPORATE S SOURCE DOCUMENT TY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 CAPLUS  y of cumulated double bond compounds.  if diphenylketene with oxaziranes yoshiki, Minami, Toru, Yasuda,  shio y , Suita, Japan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Me  2H E1  N  0  Ph  NN .392 GAPLOS  NN .392 GAPLOS  NN .592                                                                                                                                                                                                                                                                                                                                   | ACCESSION NO DOCUMENT NO: TITLE TITLE TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SELECT NO: TO SEL | 6 CAPLUS  y of cumulated double bond compounds.  if diphenylketene with oxaziranes yoshiki, Minami, Toru, Yasuda,  ishio  y , Suita, Japan n Lett (1969), (4), 263-5  LAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Me  2H E1  N  0  Ph  NN .392 GAPLOS  NN .392 GAPLOS  NN .592                                                                                                                                                                                                                                                                                                                                   | ACCESSION N DOCUMENT NU: TITLE VII.  AUTHOR (): K:yosh.  CORPORATE S SOURCE DOCUMENT TY UNGULAF: G: Fr d: AB Owinh.  G-AZII MA, Bu.  Gy:lo: pun, .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 CAPLUS  y of cumulated double bond compounds.  15 diphenylketene with oxaziranes 15 diphenylketene with oxaziranes 15 diphenylketene with oxaziranes 15 diphenylketene with 25 diphenylketene 15 lay  TA Iasue. 15 re with PhCO2OH gave the 15 ph, Et: Ri = H, H, H, Me, Me; R2 = 14-6.degree. 19 mm., 90.degree./1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Me  2H E1  N  0  Ph  NN .392 GAPLOS  NN .392 GAPLOS  NN .592                                                                                                                                                                                                                                                                                                                                   | ACCESSION N DOCUMENT NU: TITLE TITLE TITLE TOTAL ACTHOR (1): KYONK.  CORPORATE S SCURREE DOCUMENT TY LANGUAGE: S: Frid: AR Oxadn. G-AZLI Me, Bu. Gy: 10: Tmm , 9 - de: 60, 7:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6 CAPLUS  y of cumulated double bond compounds.  of diphenylketene with oxaziranes  roshiki Minami. Toru. Yasuda.  Shio  2. Suita, Japan n Lett. 11969; (4), 263-5  LAY  TA Tasue.  Dire with PhCO2OH gave the , Ph, Et: Ri = H, H, H, Me, Me; RZ =  4-6.degree. '9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Me  JH E:  N  C  FN  KN 1942 GAPLUS  CN OXACL: sine, 2-cyclonexy: - s.4 dimethoxypheny: -8CI, -CA INDEX MAdh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ACCESSION NO DOCUMENT NOT TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE  | 6 CAPLUS  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki Minami. Toru Yasuda.  Shio  y Suita, Japan n Lett (1964), (4), 263-5  LAY  TA Iasue.  Dire with PhCO2OH gave the , Ph, Et: RI = H, H, M, Me, Me; RZ =  4-6.degree. '9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  mielding 7, 94, 90, 84, and 74                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Me  IR E:  N  C  FN  EN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ACCESSION NO DOCUMENT NOT TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE TITLE THE  | 6 CAPLUS  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shibo  y. Suita, Japan n Lett. (1964), (4), 263-5  LAY  TA Issue.  sire with Phco2oH gave the , Ph, Et: RI = H, H, H, Me, Me; RZ =  4-6.degree. (9 mm., 90.degree./15  ./0.4 mm., and 76.degree./60 mm. in  vielding 7, 94, 90, 84, and 74  stirred in (6H6 with addn. of I at f ketone or aldehyde (RRIC:0) and the                                                                                                                                                                                                                                                                                                                                                                                |
| Me  JH E:  N  C  FN  N  N  N  N  N  APLOS  N  DValt: ::::: 'APLOS  N  N  N  O  Me                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ACCESSION N DOCUMENT NU: TITLE  YII.  AUTHOR (): K:yosh.  CORPORATE S SOURCE  DOCUMENT TY LANGUA : G: F': di. AR Omidn. G: AIII Me. Bu. G: C: D: G: C: D: G: C: D: G: C: D: C: | 6 CAPLUS  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shibo  The Suita, Japan  n Lett. (1964), (4), 263-5  LAY  TA Issue.  Sire with PhCO2OH gave the  Ph, Et: RI = H, H, H, Me, Me; RZ =  4-6.degree. '9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  Tielding 7, 94, 90, 84, and 74  stirred in (6H6 with addn. of I at  f kelone or aldehyde (RRIC:0) and the  matog. over Al2O3 gave                                                                                                                                                                                                                                                                                                                                                     |
| Me  IH E:  N  C  EN  EN  APLUS  CN  DVALL: Sine, 1-dyclohexyl + s.4 dimethoxyphenyl 8CI, CA  INTEX MAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ACCESSION N DOCUMENT NU: TITLE  YII.  AUTHOR (): K:yosh.  CORPORATE S SOURCE  DOCUMENT TY LANGUA : G: P'r d.  AR Omidn.  G:AZII  Me. Bu.  G: C; lo:  pr. d.  d. de: 60, 7:  5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | of captus  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shibo  The Suita, Japan  n Lett. (1969), (4), 263-5  LAY  TA Lasue.  Sire with PhCO2OH gave the  Ph, Et: RI = H, H, H, Me, Me; R2 =  4-6.degree. '9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  Tielding 7, 94, 90, 84, and 74  stirred in (6H6 with addn. of I at  ketone or aldehyde (RRIC:0) and the  matog. over Al2O3 gave  exazirane, 82, yield VII, and m.p.                                                                                                                                                                                                                                                                                                                  |
| Me  OH E:  N  C  FIN  NN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ACCESSION N DOCUMENT NU: TITLE  VII.  AUTHOR (): K:yosh.  CORPORATE S SOURCE  DOCUMENT TY LAIGUR.4: G: Fir d: AR Oxid: G: AR Oxid: G: AR Oxid: G: C: G | of captus  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shibo  T. Suita, Japan  n Lett. (1969). (4), 263-5  LAY  TA Issue.  Sire with PhCO2OH gave the  Ph, Et: Ri = H, H, H, Me, Me: R2 =  4-6.degree. (9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  Tielding 7, 94, 90, 84, and 74  stirred in 06H6 with addn. of I at  ( ketone or aldehyde (RRIC:0) and the  matog. over Al2O3 gave  DXAZIrane, R2, yield VII, and m.p.  III, Bu, 5), 125-6.degree.; IV,                                                                                                                                                                                                                                                                                |
| Me  JH E:  N  C  Ph  NN .F4I GAPLUS  NN .OMAL: Star, C-Gyglohexy; - S.4 dimethoxyphenyl .8CI; -CA INDEX HAME  N  C  Me  CMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ACCESSION N DOCUMENT NU: TITLE YII.  AUTHOR :): K:yosh.  CORPORATE S SOURCE  DOCUMENT TY UNGULA:: G: Fr:d: AR Oxada. G:AZII Me, Bu. G:J:lo: rm, 9 - de: 60, 71  5 - 6: active O as d:td.: 6 - 80. pr:d. N:R2:s-lst. t="raiguren" 11. M. cyclohery: 3 - 7  11. M. cyclohery: 3 - 7  11. M. cyclohery: 3 - 7  11. M. cyclohery: 3 - 7  11. M. cyclohery: 3 - 7  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  11. Se - 2-cg  11. M. cyclohery: 3 - 7  11. Se - 2-cg  1 | of captus  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shibo  The Suita, Japan  n Lett. (1969), (4), 263-5  LAY  TA Lasue.  Sire with PhCO2OH gave the  Ph, Et: RI = H, H, H, Me, Me; R2 =  4-6.degree. '9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  Tielding 7, 94, 90, 84, and 74  stirred in (6H6 with addn. of I at  ketone or aldehyde (RRIC:0) and the  matog. over Al2O3 gave  exazirane, 82, yield VII, and m.p.                                                                                                                                                                                                                                                                                                                  |
| Me  JH E:  N  C  #B  N  N  N  N  N  N  N  N  N  C  Me  OX:  RN .392. ** CAPLUS  RN .392. ** CAPLUS  CN Oxacir:.ne, 3-dimethry/phenyl) -2-(1,1-dimethy/ethyl) - (901)  CN Oxacir:.ne, 3-(3,4-dimethry/phenyl) -2-(1,1-dimethy/ethyl) - (901)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ACCESSION N DOCUMENT NU: TITLE YII.  AUTHOR::): K:yosh.  CORPORATE S SOURCE  DOCUMENT TY UNGULA:: G: Fr:d: AR Oxada.  OxaZII Me, Bu.  Oyilo: TON  9 - de: 60, TI  50 - EI. active O as d=td.: 6 - PC. pr:d. N-R2:sd.st. t="raiguent" Title M. Cyclohery: 11. M. Cyclohery: 12. Source Spectri                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | of captus  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shido  v. Suita, Japan  n Lett. (1969). (4), 263-5  LAY  TA Iasue.  Sire with PhCO2OH gave the  Ph. Et: Ri = H, H, H, Me, Me: R2 =  4-6.degree. '9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  vielding 7, 94, 90, 84, and 74  stirred in 06H6 with addn. of I at f ketone or aldehyde (RRIC:0) and the  matog. over Al2O3 gave  DXAZIrane, R2, yield VII, and m.p.  III, Bu, 5), 125-6.degree.; IV,  5-6.degree. VI, Bu, 38,                                                                                                                                                                                                                                                        |
| Me  JH E:  N  C  #B  N  N  N  N  N  N  N  N  N  C  Me  OX:  RN .392. ** CAPLUS  RN .392. ** CAPLUS  CN Oxacir:.ne, 3-dimethry/phenyl) -2-(1,1-dimethy/ethyl) - (901)  CN Oxacir:.ne, 3-(3,4-dimethry/phenyl) -2-(1,1-dimethy/ethyl) - (901)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ACCESSION NO DOCUMENT NOT TITLE  VII.  AUTHOR (): K:yosh.  CORPORATE S SOURCE  DOCUMENT TY UNGULA-: G: Fr d: AR Oxida.  G:AZZI MA. Bu.  G:10: rum  9 - de: 60, 7: 5 - 6: active O as d: d. d. 6 - 80. pr.d. N-R2-solst. tetra; given: 1. M. cyclohery: 3 - 7: 115-6 ang: spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl. spectr yorl.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | of captus  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shibo  T. Suita, Japan  n Lett (1969), (4), 263-5  LAY  TA Iasue.  Sire with PhCO2OH gave the  Ph, Et: R1 = H, H, H, Me, Me: R2 =  4-6.degree.'9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  Telding 7, 94, 90, 84, and 74  stirred in 06H6 with addn. of I at  f ketone or aldehyde (RRIC:0) and the  matog. over AI2O3 gave  DXAZIrane, R2, yield VII, and m.p.  III, Bu, 5), 125-6.degree.; IV,  5-6.degree. VI, Bu, 38,  wd by gas l.quid chromatog, and ir                                                                                                                                                                                                                      |
| Me  JH E:  N  C  FN  N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ACCESSION N DOCUMENT NUI TITLE  VII.  AUTHOR (): K:yosh.  CORPORATE S SOURCE  DOCUMENT TY UNGOUGH. T  G: Pr d: AR Oxida.  C.AZII He, Bu.  Cy:lo: rum, 9 - de: 60, 71  5 - €1.  active O as de:d.: 6 - RC, pr.d.  R-R2-solst. teria; given.  Cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:lo: cy:l | of captus  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shido  Ya. Suita, Japan  n Lett. (1969). (4), 263-5  LAY  TA Iasue.  Sire with PhCO2OH gave the  . Ph. Et: Ri = H, H, H, Me, Me; R2 =  4-6.degree. '9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  Tielding 7, 94, 90, 84, and 74  stirred in 06H6 with addn. of I at  f ketone or aldehyde (RRIC:0) and the  matog. over Al2O3 gave  DXAZIrane, R2, yield VII, and m.p.  III, Bu, 5), 125-6.degree.; IV,  5-6.degree. VI, Bu, 38,  rd by gas l.quid chromatog. and ir  -, m/e 459 M+1, 402, 332, .nu.                                                                                                                                                                                |
| Me  JH E:  N  C  FN  N  DATE: SAPLUS  N  N  C  ME  OX:  FN .391. ** CAPLUS  CN . DATE: Sine, 3-(3,4-dimethry); henyl) -2-(1,1-dimethy); ethyl) - (901)  (CA  (MEX. SAME)  (MEX. SAME)  (MEX. SAME)  (MEX. SAME)  (MEX. SAME)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ACCESSION N DOCUMENT NU: TITLE  VII.  AUTHOR :): K:yosh.  CORPORATE S SOURCE  DOCUMENT T) LANGUR. 4: G: Prid: AR Oxida.  C.AZII He, Bu.  Cy:lo: rm, 9 - de: 60, 7: 5 - €: active O as drid.: 6 - 80. prid. H-RZ-solst. teria; given.  11. M cyclohe:y: 3 - 1 spectr: VII. Le70, 174 are q.ven. atom of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | of captus  y of cumulated double bond compounds.  if diphenylketene with oxaziranes  roshiki: Minami. Toru. Yasuda.  Shido  Y. Suita, Japan  n Lett (1969), (4), 263-5  LAY  TA Issue.  mire with PhCO2OH gave the  . Ph, Et: Ri = H, H, H, Me, Me; R2 =  4-6.degree.'9 mm., 90.degree./1.5  ./0.4 mm., and 76.degree./60 mm. in  melding 7, 94, 90, 84, and 74  stirred in 16H6 with addn. of I at  f ketone or aldehyde (RRIC:0) and the  matog. over Al2O3 gave  DXAZIRANE, yield VII, and m.p.  III, Bu, 5), 125-6.degree.; IV,  5-6.degree. VI, Bu, 38,  md by gas liquid chromatog. and ir  ., m/e 459 M+1, 402, 332, .nu.  1, 9.3. Elemental analyses for VII                                                                                                                                                    |
| Me  JH E:  N  C  FN  N  DATE: SAPLUS  N  N  C  ME  OX:  FN .392 CAPLUS  CN .0X41: size, 3-(3,4-dimethroghesyl)-2-(1,1-dimethylethyl)- (9CI)  (CA  INDEX SAME  (ME  OX:  FN .392 CAPLUS  CN .0X41: size, 3-(3,4-dimethroghesyl)-2-(1,1-dimethylethyl)- (9CI)  (CA  ME  ME  ME  ME  ME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ACCESSION N DOCUMENT NU TITLE  VII.  AUTHOR (): Kryosh.  CORPORATE S SOURCE  DOCUMENT TY LINIGUA S: G: Fr di. AR Owadn. Corazii Me. Bu. Gy lo: nm. y. de 1 60, 7: de to de s de to d. f. 6 e e. prid. h. R2 e slist. teria; qven. 11. M cyclohery; 3 . 11.5-b.log; carl spectri VII. crid. grid. are q.ven. atom of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | of camplased double bond compounds.  if diphenylketene with oxaziranes roshiki: Minami. Toru. Yasuda.  Shio  Suita, Japan n Lett (1964), (4), 263-5 LAY  TA Iasue. Dire with PhCO2OH gave the Ph, Et: RI = H, H, M, Me, Me; RZ = 4-6.degree.'9 mm., 90.degree./1.5 ./0.4 mm., and 76.degree./60 mm. in Tielding 7, 94, 90, 84, and 74  stirred in (6H6 with addn. of I at ketone or aldehyde (RRIC:0) and the matog. over Al2O3 gave  DXAZIRANE, 2, yield VII, and m.p.  III, Bu, 5), 125-6.degree.; IV, 5-6.degree. VI, Bu, 38, rd by gas liquid chromatog. and ir, m/e 459 M+r, 402, 332, nu.  19.3. Elemental analyses for VII szirane N a'om attacks the center C con of an alpha. lactam by release reaction of the alpha. lactam with                                                                             |
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H, Et, -11.0.degree. (-2.7.degree.).
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. Inst. Org. Khim., Novosibirsk, . piper. AUTHOR : 1 - Pr :m. (1968), 4(8), 1486-90 AE USSR LOURCE N DOCUMENT LANGUASE: NI For AB Hent 1-o. 0 Issue.
"inolanthraquinone (I) or staquinone (II) gave 2-{1-cthyloxaziridine (IA) or .-3-phenyloxaziridine (IIA).
:ed out by exposing the alc. NO<sub>2</sub> 1-b. plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant plant p RN 20378 '- " CAPLUS CN OXER::::ine, 2-ethyl-3-(p.:/trophenyl)-, (-)- (8CI) (CA INDEX NAME; 1 (M. F., Shostakovskii et al., Rotation ( e not formed. The structures of Εt py and their chem. reactions. N responding 9,10-diacetoxy deriv. 0 inno-2-(benzylamino)-9,10apon. and oxidm. of III gave
:aquinone (IV). Reacting
none with PhCH2Cl gave 1-chloro NO<sub>2</sub> analog o I/, IT 199 PL: .ne to give IV. RN 20560-7. CAPLUS PREP (Preparation) PN 199 UN 3,1 2-(3-ph) ::diny1)- (9CI)

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OTHER SOURCE.3: CASPHACT .3445-66621 MARPAY 13445-666

AB 4.6-Dichloropythaldine is prepal in high yield and selectivity by the chlorination of 4-chloro-e nygroxypythaldine with an a id 4-chloro-e nygroxypythaldine with an a id 4-chloro-e
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Wolters, Esichs Landscheidt, Heinzs Klausener,
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Eur. Pat. Appl., 9 pp.
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nd a space velocity of 1040 1/1/h to give CO(OMe)2 with a space 5 a ma

tims yield > 44 . Use of the aluminosilicate carrier improves selectivity and eliminated **oxalate** gradu.

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Preparation of dialkyl parichates by reaction

carbon monoxide with alkyl nitrites
Klausener, Alexander: Landscheidt, Heiner
Blank, Heiner Diricht Kipshagen, Walter
Bayer A.-G., Germany
Ger. Offen., 4 pp.
COPEN: GWXXBX
Fatent INVENTOR ST: FATENT ASSIGNEE (S): SOUPCE:

LOCUMENT TYPE: German

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

nitrites in the presence of supported platinum-metal catalysts in lower alcs. is claimed. Thus, reaction of CO with Me nitrite in the presence Pd-Al203-b in MeOH under N2 gave 13.3° di-Me carbonate along wigs.

on Me oxalate.

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PATENT INFORMATION: cu, cn. FR. CU. CO. FE, DK. 191, FZ, FE, ES, FI, GB, GD, GE, GH, SM. HB. HU, II, IL, IN, IS, JP, KE, KG, KP, KR, EZ, LC, LK, LR, LB. LT. LU. LV, MA, MD, MG, MH, MN, MW, MX, MZ, MO, NZ, PL, PT. RG. RD. SD, SE. SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US. 

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AB Oxaziridines [1, K = | substituted; Ct-12 aryl, heteroaryl; R1-R3 - H substituted branched C1 P alkyl, C3-8 cycloalkyl, C7-ic circly.

\*ixely. Of IL aryl, were brend. By buildn, of the corresponding addimine KCh.NCP.RDF? ... and R: R3 as above) with an arom, peracid or a salt

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DE 100233074 A1 20220.17 DE 2000-10033079 20000707

US 20021.1339 A1 20220415 US 2001-859421 20010705

PRIORITY APPLN. INFO:: DE 2000-10033079 A 20000707

OTHER SOURCE(S): CASREACT 136:102374; MARPAT .36:102374

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monoperoxyphthalic acid hexahydiate and stirring for 5 m at
22-25.degree.,
to give 6% 2 propyl-3-(4-nitrophenyl)oxariridine. The
disclosed method is economical, safe to operate, and tan be
carried out on
an industrial scale.
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IND ----- Indexing data
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MAN ----- ALL, plus Patent FAM, RE
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are new. Commands acids and distance acid derivatives which can be prepared according to the invention can be used for the preparation of incanones which are precursors for agro- and pharmaceutical themscale and for substances having liquid crystalline properties.

[3] ANSWER 2 OF 5 PAPILIS COPERIGHT 2002 ACS (Continued)

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A6 Mittoren substituted hydroxylamines R1(kT)(R3)CHNOH (P1 R3 = R, un transhed alkyl), un branched alkenyl, sycloalkyl, aryl) or \*1.011

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prepd. in high and selectivity from nitrogen substituted aryl- or
heteroaryloxaminidines (Tr X = aryl, heteroaryl) e.g.,
T-tert butyl=3-phenyloxaminidine; by acid hydrolysis using

storeg. que, of soid e.s., fir sulfuris acid in a water miscible. ...lvent

e.s., methanol followed by neutralization (e.g., aq. NAOH) and optional salit. ation e.i., ad. Acon.

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COUNTRY COMMENS: 17711.7.
DIFFER ACCESSED FOR ACCESSED CONTROL OF THE PRO-Framewise for the production of bodroxylamines and their dustoxylid acid salts hy the acid by fr. Lysis of ary. or noter.aryloxxilila.nes lowEnt.acy Dockmer, Michael: Bymann. Westierer Feener. Gestia Michael: Bessen, Helmst Wayer A. J., Jermany Het. Offens, & pp. Hotens. WEXNEX Satent FATENT ASSISTED S SOURCE: COCUMENT TYPE: LUNSCAGE: FLMILLY AND HOM. COCUME LATENT INFORMATION: PATENT NO. KIN' DATE APPLICATION NO. DATE TR 1 4.623 AL 2014 AB TR 2 314 A4723 211 1211 A4723 211 1211 A4744 A2 212 448 W0 2 11-64441 21111114 W0 A6, A6, A6, A6, A6, A6, B6, B6, B7, B7, B7, B6, 3A, d 4. dtu CO, CR. CO, CEL DE, IK, EM, DE, EC, EE, ES, FI. GB. GL. 3€, GH. SM. HF, BC, ID, II., CM, IS, Jr, KE, KG, KE, KF, KC, L/, . F. 18, 17, 10, 10, 19, 194, ME, MG, MF, ME, MW, MO, ME, ME, ME, M. -H. FI, PT, PO, RU, SD, SE, SG, S , SF, SL, T1, TM, TP, TT. , AU , , ; ; ; US, US, OS, ON TO, DA, OM, DW. AM, AC, BE, KJ. KD. MC. FC. T.C. TM HW: GH, GM, FE, LG: MW, MD, SD. SL. SD, TD. UN, DM. DW. AC. 56, CH. CY, IE, IE, SOL FT, FR. 38. GR. IE, IT, IE, MC, NI, PT.

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LSI ANSWER 3 OF 9 CAPILLE COPPRIGHT 2002 ACS
ACCESSION NUMBER: 1002 5.445 CAPILLE
1002MENT NUMBER: 1.61, 2274
TITLE: 461, 2274
Method for the preparation of 2 alkyl-inarylomaticidines and 1.41kyl-indines by outside on a dimines with peracids

INVENTOR (S): SATENT ANDLONES S CUPICE INCOMENT TYPE: ۵ "ANGUAGE: German "MANGUAGE: PAMILY ACC. NUM. COUNT: PATENT INFOFMATION:

PATENT NO. CH, CN, CP, CU, CE, IF, IK, IM, IE, EL, ES, FI, G6, 31, 3E, 3H, am, HP. HU. II. IL. IV. S. TE. HE. FR. HE. KE. KE. LU. LE. IF. .s, ut, LU, EV, MA, MD, MG, MK, MN, MW, ME, MZ, NG, NS, PE, PT, io. PU, SI, SE, SG, SI, SE, SL, TJ, TM, TR, TT, TE, TW, UG, US, nz. nv. TU. DA. DW. AM. AD. BY, BG. BC. MC. PU. TJ. TM RW: GB. GB. EE, DF. MW. MD. SD. GD. SD. TZ. UG. DW. AT. BE. THE CY. DE, DK, ES, FI, FR, GB, GR. H., IT, LU, MC, NL, PT, SE, "R, BE,

TR, BE, BJ, CF, CG, CI, CM, GA, JN, GW, ML, MF, NE, SN, TC, TG
TE 1 33.75 A1 2017-117 TE 7-1.033 79 2017-7-7
US 2 211334 A1 27-2-415 US 2 21-48-6421 2017-7-7
UTER SOURCE(S): CLEREACT 136:102374; MARPAT 136:102374

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SE, TR.

AB - Smarringines (I) X - (substituted) Cf 12 aryl, neteroaryl: R1 E3 sanstituted: pranched: Cr.: alkyl, Cs & cycloalkyl, '2 i-

L31 ANSWER 3 OF 4 CAPIUS COPYRIGHT 2002 ACS (Continued) CC-IC aryl) were prepd. by oxidm, of the corresponding aldimine SCH:NCRF2R3 (X and RI-R3 as above) with an arom, peracid or a salt thereof in the presence of a water-sol, base or solvent at 'thereof in the presence of a water-sol, base or solvent at Bundance.

Thus, 2-propyl-4-nitrobencaldimine in MeOH was treated dropwise with '7 wt. \* NaCCO3 at 18-22.degree, followed by addn. of 20 wt. / magnesium proposeroxyubthalic acid beyabydrate and stirring for 5 h at

magnessum monoperoxyphthalic acid hexahydrate and stirring for 5 h at 22-25.degree., to give 98° 2-propyl-3-(4-nitrophenyl)oxaziridine. The disclosed

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method
18 exchomical, safe to operate, and can be carried out on an
initiating.
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L3: ANSWER 4 OF 9 CAPLUS COPYRIGHT 2002 ACS (Continued) RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 4 OF 9 CAPTUS COPYFIGHT 2002 ACCESSION NUMBER: 2001:76:350 CAPTUS LOCUMENT NUMBER: 35:703669 PREVIOUS TITLE PREVIOUS TO THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTRO Preparation of 4-hydroxy-3-natrobaphenyl by nitra 10n of 4-hydrotybiphenyl with nitric acid in the of glacial acetic and Behre, Porst' Dockner, Michael: Klausener, Alexander Bayer Aktiengesellschaft. Germany Fif int. App., 14 pp. DDEG: FIRED: Fitted: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: DANCEAGE FAMIL: AIC. NUM. COUNT: PYTENT INFORMATION: -APPLICATION NO. LATE APPLICATION NO. LATE
-C NG01770A1 A1 1011015 W0 2000-EP1525 20010
W1 AE, AG, AL, AM, OT, RU AZ, BA, BB, BG, BR, BS, BC, CO. CR. CU, CO. TE. OF DM, CZ. EE. ES. FI. GB. GC. (E. d4. Gh, HR, HU, ID, IL, 'N, IS, JP, KE, EG, KP, KR, K2, LC, LK, 18. L . 17, LU. LV, MA, MD, MC, MK, MN, MW, MX, MZ, NO, NZ, +L, Pr. R. RU, SD SE, SE, I, SE, SL TJ, TM, TR, TT, TZ, UA, 1G, NN, YU 2A, DW, AM, A2, BY KG, KZ MD, KU, TJ, TM FW: GH, GM KE, LJ, MW, M2, FD SL, SZ TZ, UG, 2W, AT, FE, C4, C:. 03, 00, UE, DK ES, FI, FR, SE, GR IE, IT LU, MC, NL, PT. 1E, THE, BY:

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1.1 AN WER'S DE 9 CAPTUS CCSYRIGHT 2002 ACS ACCULENT NUMBER: L-98:262.9 CAPTUS ECOURENT NUMBER: 1781.12316 TITLE A Novel Attendive gent Synthesis of Optically Fire c.s- and trans- - substituted Proline Seri Wit.ves. Erratum to occument cited in CAI20:1803331 Sess), N. Anine; Dockner, Michael: Clainin, Anguie; Eurom, Claiden; Potier, Pierre Fistitut de Chimia des Substances Naturelles, Gif-fur-Vette France, 91198, Pr. Jurial of Organic Chemistry (1997, 61(26), AUTHOR (.): CORPORATE SOURCE: SCUR 1): 91.88 C:DEN JOCEAH, ISSN: 0022-3263 American Chemical Society FUBLISHER: American Chemical Society

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FF Faue 766, column 1, lines 6-11 should read "While 5a embits a centered at 5.70 ppm which is attributed to one of the allylic protons, 157 counterpart of 5b appears somewhat downfield centered at 6.08 :  $\kappa_{l}gesting$  cis relationship between the allyl and the hydroxymethyl

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of a start h; a substituted piperidine in optically pure form is described start h; trom readily available chiral building blocks Someoneoccalcomembles of education and glocerol deriv. For their antipodes. The unity of this approach is demonstrated in the total synthesis of the pseudocomby irrecontdot.HCl II.ontdot.HCl , the structure of which

. was confirmed by x-ray anal.

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L-0.971.1 TAILES
L.41c 754

Versatile synthesis of erantiomerically pure
trans-2,5-dispositiuted pyrrolidines
Dockner, Michael: Sasaki, N. Andre; Potier, 1.2. WEINWER FOR PARTIES OF THE PROPERTY NUMBER OF THE PROPERTY NUMBER OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY NAMED OF THE PROPERTY N AUTHOR S:

Dockner, Michael: Sasaki, N. Andre: Potiet,
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Heterocycles 1946, 42.2, 5.9-32
CODEN: HTCVAM. ISSN: 0385-5414
Japan Institute of Heterocyclic Chemistry
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CASPEACT ICHIP TS4
AB Enaturementally pure times 2A,58 2.5 disabstituted pyriolidine
Was
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synthesized starting from the versatile chiral synthon (R) PhSOZCHECH(NHBoc)CHECCHEPh and chiral 2,3-0-isopropylidene

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L31 ANSWEP 7 OF 9 CAPLUS COPPEIGHT DON ACK
ACCESSION NUMBER: 1997:71-931 CAPLUS
COCCUMENT NUMBER: 120:140:33
TITLE: A Newel Stere:::veries: Synthesis of 71. Kily cis and trans a Substitute Fincline Derivatives AUTHORID:: Sasaki, N. And e; Dockner, Michael; Chiaroni, Ange er Riche, Clauser Fotier, Freire Institut de Chimie des Substances Naturelles, COMPORATE SOURCE Dif our Twette France, 9110-, Fr. Journal of Organic Chemistry (1947), v. v. SOURCE: 765-77. CODEN: JOCEAR: ISSN: 0022-3068 American Chemica, Society Journal English CASFBACT LLe 106707 FUBLISHER: COCCMENT TYPE: LARINAGE: OTHER SOURCE S SI 20,15 STHE AB. A new and efficient stereodivergen' method for the preph. of optically pire cise and trans-3-substituted proline derivs, is described. The stereodivergency is effected simply by reversing the order of double alkylation of the chiral synthon I One-step pyriclidine formation starting from I and 2-bromoethyl i rilate followed by allylation of the stifonyl carbanion leads to the optically pure 123,85, cis-d-allylproline II as a major datastereomer in 7 steps. Contrary to this, when I is allylated first, then followed by heterocycle formation by terathent with I bromoethyl triffate, the optical y pure 13 obtained as a single diastereomer in 5 steps. This sequence provides double

ar efficient entry into enantiomer.cally and diastereomerically pure ciss and trans-: substituted prolines which are considered as conformationally constrained (Alpha, Hamino acids.

LEL AUSWER F CP \* CAPIUS CUPYRIGHT L F ACS ACCESSION MUMBER: 1595:224976 CAPLUS DOCUMENT NUMBER: 122:14211 TITUE: Enanticpute indolizado 122:1-6211 Enantiopure indolizidones and pyrrolizidones from maleic imide Dockner, Michael; Meyer, Thorston: Nemes, Peter: Otten, Partina G.; Winterfeldt, Eskenarj Inst. Organ. Clem., Univ. Hannover, Hannover. AUTHORIS': CORPORATE SOURCE: D-3'167, Germany Bulletin des Scrietes Chimiques Belges (1994), 103(7-8), 379-87 OCIEN: BSCBAG: ISSN: (137-984) Societe Chimique Belges Journal English SOURCE FUBLISHER: DOCUMENT TYPE: LANGUAGE: OTHER SOURCE S): CASREACT 122:1:6211



The alkylated maleic imide adducts of type 1 have been shown to

undergo highly regisherentive selectride redns. As with these companies regionelectivity in further transformations including a theiral

process translates directly into eranticselectivity, various cyclization techniques were applied. The advanced cycloadducts obtained led to the

enantiopure alkaloid precursors, e.g. II. in very high yield